

HER201(G) – HER208(G)

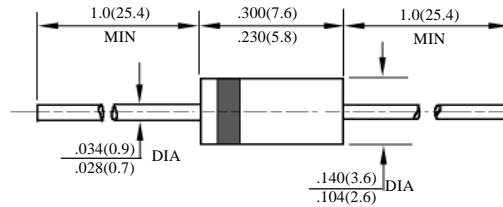
2A 高效玻钝二极管

2A HIGH EFFICIENCY GPP DIODES

型 号 TYPE	最大反向 峰值电压 Maximum Peak Reverse Voltage	最大平均正向电流 Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		最大正向浪涌电流 Maximum Forward Peak Surge Current @ 8.3ms Superimposed	最大反向 漏电电流 Maximum Reverse Current @ PRV @ T <sub>A</sub> =25°C	最大正向电压 Maximum Forward Voltage @ T <sub>A</sub> =25°C		最大反向 恢复时间 Maximum Reverse Recovery Time	外型 尺寸 Package Dimensions
	PRV	I <sub>O</sub> @ T <sub>L</sub>		I <sub>FM</sub> (Surge)	I <sub>R</sub>	I <sub>FM</sub>	V <sub>FM</sub>	T <sub>rr</sub>	DO – 15
	V <sub>PK</sub>	A <sub>AV</sub>	°C	A <sub>PK</sub>	μAdc	A <sub>PK</sub>	V <sub>PK</sub>	ns	
HER201(G)	50	2.0	50	60	5.0	2.0	1.00	50	
HER202(G)	100						1.00		
HER203(G)	200						1.00		
HER204(G)	300						1.30		
HER205(G)	400						1.30	70	
HER206(G)	600						1.85		
HER207(G)	800						1.85		
HER208(G)	1000						1.85		

T<sub>rr</sub> 测试条件: I<sub>F</sub>=0.5A, I<sub>R</sub>=1.0A, I<sub>RR</sub>=0.25A

T<sub>rr</sub> Test Conditions: I<sub>F</sub>=0.5A, I<sub>R</sub>=1.0A, I<sub>RR</sub>=0.25A



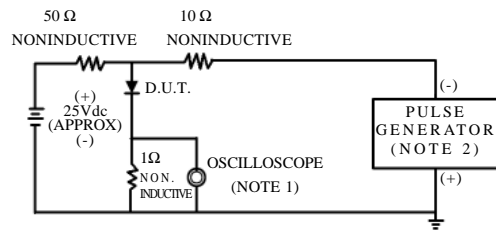
DO – 15

## HER201(G) – HER208(G)

### 2A 高效率玻钝二极管额定值与特性曲线

### 2A RATING & CHARACTERISTIC CURVES OF HIGH EFFICIENCY GPP DIODES

FIG.1-TEST CIRCUIT DIAGRAM AND  
REVERSE RECOVERY TIME CHARACTERISTIC



NOTES:1.Rise Time=7ns max.  
Input Impedance=1megohm.22pF.  
2.Rise Time=10ns max.  
Source Impedance=50 ohms.

FIG. 2 - TYPICAL FORWARD  
CURRENT DERATING CURVE

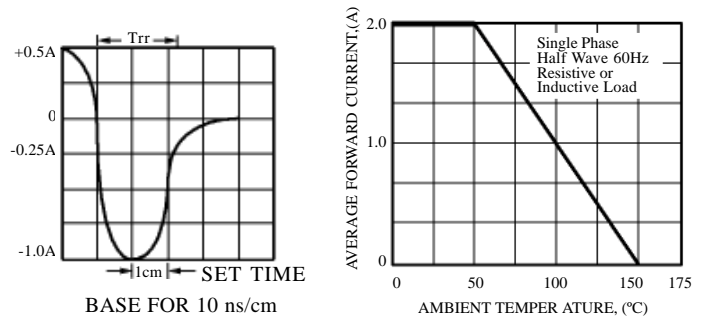


FIG. 3 - TYPICAL REVERSE  
CHARACTERISTICS

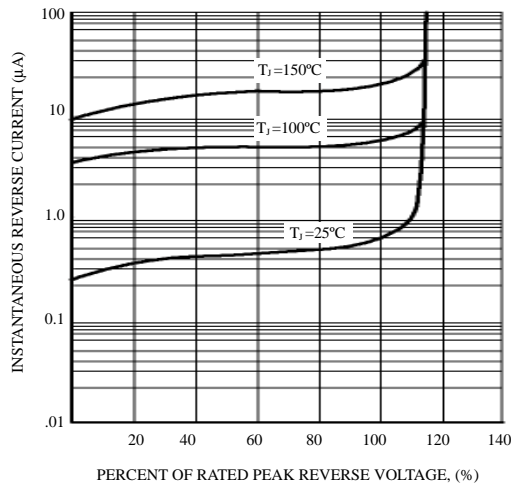


FIG. 4 - TYPICAL INSTANTANEOUS  
FORWARD CHARACTERISTICS

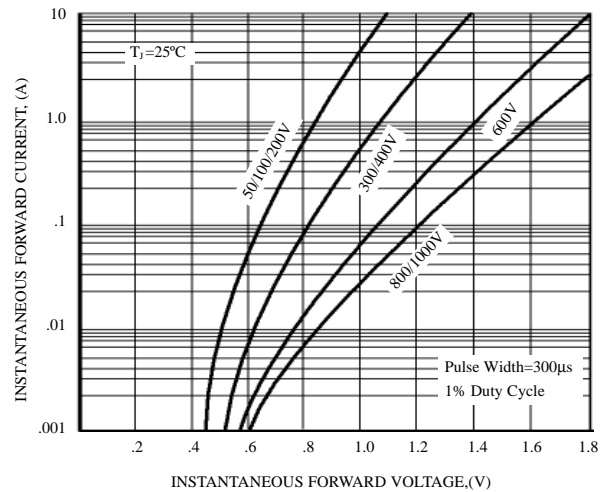


FIG. 5 - MAXIMUM NON-REPETITIVE  
FORWARD SURGE CURRENT

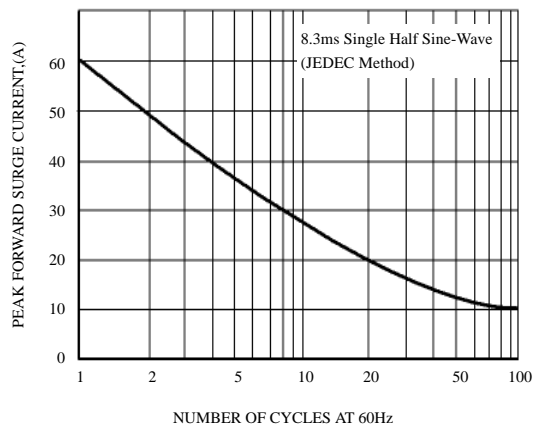


FIG. 6 - TYPICAL JUNCTION CAPACITANCE

